

Example: Workout and simplify if needed.

$$a) \frac{9 \times 2}{10 \times 2} + \frac{11}{20}$$

$$\frac{18}{20} + \frac{11}{20} = \frac{29}{20} = \boxed{1 \frac{9}{20}}$$

$$b) \frac{8 \times 7}{9 \times 7} + \frac{6 \times 9}{7 \times 9}$$

$$\frac{56}{63} + \frac{54}{63} = \frac{110}{63} = \boxed{1 \frac{47}{63}}$$

$$c) \textcircled{1} \frac{3 \times 5}{4 \times 5} + \textcircled{2} \frac{4 \times 4}{5 \times 4}$$

$$3 + \frac{15}{20} + \frac{16}{20}$$

$$3 + \frac{31}{20} \Rightarrow 3 + 1 \frac{11}{20}$$

$$\boxed{4 \frac{11}{20}}$$

$$d) \textcircled{5} \frac{1 \times 9}{6 \times 9} + \textcircled{3} \frac{5 \times 6}{9 \times 6}$$

$$8 + \frac{9}{54} + \frac{30}{54}$$

$$8 + \frac{39}{54} \Rightarrow$$

$$\boxed{8 \frac{39 \div 3}{54 \div 3}}$$

$$\Rightarrow \boxed{8 \frac{13}{18}}$$

$$f) \textcircled{3} \frac{2 \times 4}{3 \times 4} + \textcircled{5} \frac{3 \times 3}{4 \times 3}$$

$$8 + \frac{8}{12} + \frac{9}{12}$$

$$8 + \frac{17}{12} \Rightarrow$$

$$\boxed{9 \frac{5}{12}}$$

$$e) \textcircled{4} \frac{3 \times 6}{7 \times 5} + \textcircled{3} \frac{3 \times 3}{5 \times 4}$$

$$7 + \frac{15}{35} + \frac{21}{35}$$

$$7 + \frac{36}{35} \Rightarrow 7 + 1 \frac{1}{35}$$

$$\boxed{8 \frac{1}{35}}$$

$$g) \textcircled{6} \frac{13}{15} + \textcircled{3} \frac{4 \times 3}{5 \times 3}$$

$$9 + \frac{13}{15} + \frac{12}{15}$$

$$9 + \frac{25 \div 5}{15 \div 5}$$

$$9 + \frac{5}{3} \Rightarrow 9 + 1 \frac{2}{3}$$

$$\boxed{10 \frac{2}{3}}$$

$$h) \textcircled{4} \frac{3 \times 7}{8 \times 7} + \textcircled{7} \frac{3 \times 6}{7 \times 6}$$

$$11 + \frac{21}{56} + \frac{24}{56}$$

$$11 + \frac{45}{56} \Rightarrow \boxed{11 \frac{45}{56}}$$

$$i) \textcircled{7} \frac{7}{8} + \textcircled{3} \frac{3 \times 2}{4 \times 2}$$

$$12 + \frac{7}{8} + \frac{6}{8}$$

$$12 + \frac{13}{8}$$

$$12 + 1 \frac{5}{8}$$

$$\boxed{13 \frac{5}{8}}$$

$$j) \textcircled{8} \frac{4 \times 2}{7 \times 2} + \textcircled{9} \frac{10}{14}$$

$$17 + \frac{8}{14} + \frac{10}{14}$$

$$17 + \frac{18 \div 2}{14 \div 2}$$

$$17 + \frac{9}{7}$$

$$17 + 1 \frac{2}{7} \Rightarrow \boxed{18 \frac{2}{7}}$$